

desire to have it understood that the apparatus shown is merely illustrative and that such changes may be made when desired as fall within the scope of the appended
5 claims.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A heating furnace comprising a plurality of casings, means for supplying cold
10 air to said casings at the bottom, an air duct connected with the top of each of said casings for distributing hot air from the casings, a pair of heating chambers arranged one above the other inside each of
15 said casings, each heating chamber having a domed end and a square end, a gas heater arranged in each of said chambers, a valve for each of said heaters for controlling the gas supplied to the heaters, means for guiding
20 the products of combustion from said chambers, and means acting as extensions projecting from the bottoms of each of said chambers, said extensions meeting the casings at opposite sides so as to provide a
25 tortuous path for the air to follow between

the heating chambers as it passes from the air supplying means to said duct.

2. A heating furnace of the class described comprising a plurality of casings, a
30 hot air distributing duct connected to the upper part of each of the casings, a cold air supply duct below each of said casings and in communication therewith, a pair of
35 super-imposed closed chambers arranged in each of said casings, a gas heater arranged in each of said closed chambers, a gas supply connected to each gas heater, a pipe for
40 a pilot light arranged with an open end above each gas heater, means for controlling the quantity of gas supplied to the respective heaters, a discharge pipe for the products of combustion arranged in the end of
45 each closed chamber opposite the end through which the gas is supplied, and extensions projecting from the bottoms of each of said closed chambers, said extensions
50 meeting the casing at opposite sides so as to provide baffles for the incoming air as it passes from the cold air supply chamber to said hot air distributing duct.

ALICE H. PARKER.